

# 824 Application Advice

Functional Group ID= **AG**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

## Notes:

*This Standard is the accepted Treasury convention for the Electronic Payment and Collection (EDIPAC) system. The transaction set is used by Treasury to provide notice of the acceptance or rejection of any transaction set created for EDIPAC. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free format.*

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
	070	REF	Reference Numbers	O	12		
	080	PER	Administrative Communications Contact	O	3		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
	020	REF	Reference Numbers	O	12		c1
	030	DTM	Date/Time Reference	O	2		
Not Used	040	PER	Administrative Communications Contact	O	3		
	050	AMT	Monetary Amount	O	10		

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Not Used	060	QTY	Quantity	O	10	
Not Used	065	N1	Name	O	1	
			LOOP ID - TED		>1	
	070	TED	Technical Error Description	O	1	
Not Used	080	NTE	Note/Special Instruction	O	100	
			LOOP ID - LM		>1	
	085	LM	Code Source Information	O	1	n1
Must Use	086	LQ	Industry Code	M	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

### Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

### Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>Must Use</b>	<b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b>	<b>M ID 3/3</b>
			Code uniquely identifying a Transaction Set	
			824 X12.44 Application Advice	
<b>Must Use</b>	<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

<b>Segment:</b>	<b>BGN</b> Beginning Segment
<b>Position:</b>	020
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To indicate the beginning of a transaction set
<b>Syntax Notes:</b>	1 If BGN05 is present, then BGN04 is required.
<b>Semantic Notes:</b>	1 BGN02 is the transaction set reference number. 2 BGN03 is the transaction set date. 3 BGN04 is the transaction set time. 4 BGN05 is the transaction set time qualifier. 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
<b>Comments:</b>	

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			06 Confirmation	
			44 Rejection	
Must Use	BGN02	127	Reference Number	M AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Must Use	BGN03	373	Date	M DT 6/6
			Date (YYMMDD)	
			<i>Use to identify the date this transaction set was generated.</i>	
Must Use	BGN04	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>1. Use to identify the time this transaction set was generated. 2. Use of this data element is required.</i>	
Not Used	BGN05	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	BGN06	127	Reference Number	O AN 1/30

			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>Must Use</b>	<b>BGN07</b>	<b>640</b>	<b>Transaction Type Code</b>	<b>O ID 2/2</b>
			Code specifying the type of transaction	
			<i>Use of this data element is required.</i>	
			BB	Billback
				<i>BB or Billback refers to an 812</i>
			CA	Cash
				<i>CA or Cash refers to an 820</i>
			DI	Debit Invoice
				<i>DI or Debit refers to an 810</i>
<b>Not Used</b>	<b>BGN08</b>	<b>306</b>	<b>Action Code</b>	<b>O ID 1/2</b>
			Code indicating type of action	

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	030
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <b>2</b> N105 and N106 further define the type of entity in N101.
<b>Notes:</b>	<i>The N1 loop must be used twice to identify both the originator and receiver of the transaction set.</i>  <i>When N101 is either II, PR, or IU the information in the PER segment will contain Treasury point of contact data.</i>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code		M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			<b>1. If BGN07 = DI use II and BT</b> <b>2. If BGN07 = CA use PR and PE</b> <b>3. If BGN07 = BB use IU and RC</b>		
			BT	Bill-to-Party	
			II	Issuer of Invoice	
			IU	Issuer	
			PE	Payee	
			PR	Payer	
			RC	Receiving Location	
	N102	93	Name		X AN 1/35
			Free-form name		
			<i>This information will come from the original transaction set if present.</i>		
Must Use	N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			<i>Use of this data element is required.</i>		
			ZZ	Mutually Defined	
			<i>Indicates that the data in the N104 element will be</i>		

			<i>an Agency Location Code.</i>	
<b>Must Use</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code <i>1. The 8 digit Agency Location Code assigned by Treasury.</i> <i>2. Use of this data element is required.</i>	<b>X AN 2/20</b>
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b> Code describing entity relationship	<b>O ID 2/2</b>
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	<b>O ID 2/2</b>

**Segment:** **REF** Reference Numbers  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

1. To provide OPAC DO Symbol reference number.
2. Use this segment when N101 code is II, PR, or IU.

## Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier		M ID 2/2
			Code qualifying the Reference Number.		
			DX	Department/Agency Number	
				<i>Use to indicate the OPAC DO Symbol.</i>	
Must Use	REF02	127	Reference Number		X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
				<i>1. The OPAC DO Symbol of the originator of the original transaction set.</i>	
				<i>2. Use of this data element is required.</i>	
Not Used	REF03	352	Description		X AN 1/80
			A free-form description to clarify the related data elements and their content		



**Segment: PER Administrative Communications Contact****Position:** 080**Loop:** N1 Optional**Level:** Heading**Usage:** Optional**Max Use:** 3**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:****Comments:**

**Notes:** *Information contained in this segment will refer to Treasury contact and telephone number. The PER segment will only be part of the N1 loop when N101 = II, PR, or IU.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>PER01</b>	<b>366 Contact Function Code</b>	<b>M ID 2/2</b>
		Code identifying the major duty or responsibility of the person or group named	
		IC Information Contact	
<b>Must Use</b>	<b>PER02</b>	<b>93 Name</b>	<b>O AN 1/35</b>
		Free-form name	
		<i>Use of this data element is required.</i>	
<b>Must Use</b>	<b>PER03</b>	<b>365 Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
		<i>Use of this data element is required.</i>	
		TE Telephone	
<b>Must Use</b>	<b>PER04</b>	<b>364 Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
		<i>Use of this data element is required.</i>	
<b>Not Used</b>	<b>PER05</b>	<b>365 Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
<b>Not Used</b>	<b>PER06</b>	<b>364 Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
<b>Not Used</b>	<b>PER07</b>	<b>365 Communication Number Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type of communication number	
<b>Not Used</b>	<b>PER08</b>	<b>364 Communication Number</b>	<b>X AN 1/80</b>

			Complete communications number including country or area code when applicable	
<b>Not Used</b>	<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
			Additional reference number or description to clarify a contact number	

<b>Segment:</b>	<b>OTI</b> <b>Original Transaction Identification</b>
<b>Position:</b>	010
<b>Loop:</b>	OTI Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
<b>Syntax Notes:</b>	1 If OTI09 is present, then OTI08 is required.
<b>Semantic Notes:</b>	1 OTI06 is the group date. 2 OTI07 is the group time. 3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
<b>Comments:</b>	1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification. 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender. 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>OTI01</b>	<b>110 Application Acknowledgment Code</b>	<b>M ID 1/2</b>
		Code indicating the application system edit results of the business data	
		GR Functional Group Reject	
		TA Transaction Set Accept	
		TR Transaction Set Reject	
<b>Must Use</b>	<b>OTI02</b>	<b>128 Reference Number Qualifier</b>	<b>M ID 2/2</b>
		Code qualifying the Reference Number.	
		<i><b>OI Original Transaction Set is an 810</b></i>	
		<i><b>EM Original Transaction Set is an 820</b></i>	
		<i><b>BP Original Transaction Set is an 812</b></i>	
		BP Adjustment Control Number	
		Identification assigned to an adjustment for future reference	
		<i><b>Use to indicate a response to an 812 transaction set.</b></i>	
		EM Electronic Payment Reference Number	
		<i><b>Use to indicate a response to an 820 transaction set.</b></i>	
		OI Original Invoice Number	
		<i><b>Use to indicate a response to an 810 transaction set.</b></i>	
<b>Must Use</b>	<b>OTI03</b>	<b>127 Reference Number</b>	<b>M AN 1/30</b>

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*1. If OT102 is code OI, use data from BIG02 of Orig 810.*

*2. If OT102 is code EM, use data from TRN02 of Orig 820.*

*3. If OT102 is code BP, use data from BCD02 of Orig 812.*

Not Used	OTI04	142	<b>Application Sender's Code</b>	<b>O AN 2/15</b>
			Code identifying party sending transmission; codes agreed to by trading partners	
Not Used	OTI05	124	<b>Application Receiver's Code</b>	<b>O AN 2/15</b>
			Code identifying party receiving transmission. Codes agreed to by trading partners	
Not Used	OTI06	373	<b>Date</b>	<b>O DT 6/6</b>
			Date (YYMMDD)	
Not Used	OTI07	337	<b>Time</b>	<b>O TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Must Use	OTI08	28	<b>Group Control Number</b>	<b>X N0 1/9</b>
			Assigned number originated and maintained by the sender	
			<i>1. GS06 data from original transaction set.</i>	
			<i>2. Use of this data element is required.</i>	
Must Use	OTI09	329	<b>Transaction Set Control Number</b>	<b>O AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>1. ST02 data from the original transaction set.</i>	
			<i>2. Use of this data element is required.</i>	
Not Used	OTI10	143	<b>Transaction Set Identifier Code</b>	<b>O ID 3/3</b>
			Code uniquely identifying a Transaction Set	
Not Used	OTI11	480	<b>Version / Release / Industry Identifier Code</b>	<b>O AN 1/12</b>
			Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	

<b>Segment:</b>	<b>REF</b> Reference Numbers
<b>Position:</b>	020
<b>Loop:</b>	OTI Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify identifying numbers.
<b>Syntax Notes:</b>	<b>1</b> At least one of REF02 or REF03 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<i>This segment is used only when referring to an accepted 810, 812, or 820.</i>

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			<i>1. Code 07 indicates OPAC document reference number from either an 810 or 820.</i> <i>2. Code VV indicates OPAC voucher number from an 812.</i>	
			O7	On-line Procurement and Accounting Control (OPAC) Transaction
			VV	Voucher
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>1. All accepted transactions will contain the OPAC document reference number. This element will not be used for rejected transactions.</i>	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

**Segment: DTM Date/Time Reference****Position:** 030**Loop:** OTI Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify pertinent dates and times

**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.  
 2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:** *This segment is used only when referring to an accepted 810, 812, or 820.***Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
			Code specifying type of date or time, or both date and time	
			<i>For accepted transactions OPAC will provide the accounting and accomplished dates and time in this segment.</i>	
			009 Process	
<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
			<i>Use of this data element is required.</i>	
<b>Must Use</b>	<b>DTM03</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use of this data element is required.</i>	
<b>Not Used</b>	<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
<b>Must Use</b>	<b>DTM05</b>	<b>624</b>	<b>Century</b>	<b>O N0 2/2</b>
			The first two characters in the designation of the year (CCYY)	
<b>Not Used</b>	<b>DTM06</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
			Code indicating the date format, time format, or date and time format	
<b>Not Used</b>	<b>DTM07</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X AN 1/35</b>
			Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **AMT** Monetary Amount  
**Position:** 050  
**Loop:** OTI Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			TT Total Transaction Amount	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	
			<i>1. If the original transaction set was an 810 the data from TDS01 will appear here.</i> <i>2. If the original transaction set was an 820 the data from BPR02 will appear here.</i> <i>3. If the original transaction set was an 812 the data from BCD04 will appear here.</i>	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

<b>Segment:</b>	<b>TED</b> <b>Technical Error Description</b>
<b>Position:</b>	070
<b>Loop:</b>	TED Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify the error and, if feasible, the erroneous segment, or data element, or both
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).
<b>Notes:</b>	<i>This segment is used only when referring to a rejected 810, 812, or 820.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TED01	647	<b>Application Error Condition Code</b> Code indicating application error condition ZZZ Mutually Defined	<b>M ID 1/3</b>
Must Use	TED02	3	<b>Free Form Message</b> Free-form text	<b>O AN 1/60</b>
	TED03	721	<b>Segment ID Code</b> Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	<b>O ID 2/3</b>
	TED04	719	<b>Segment Position in Transaction Set</b> The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	<b>O N0 1/6</b>
	TED05	722	<b>Element Position in Segment</b> This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	<b>O N0 1/2</b>
	TED06	725	<b>Data Element Reference Number</b> Reference number used to locate the data element in the Data Element Dictionary	<b>O N0 1/4</b>
	TED07	724	<b>Copy of Bad Data Element</b> This is a copy of the data element in error	<b>O AN 1/99</b>
	TED08	961	<b>Data Element New Content</b> New data which has replaced erroneous data	<b>O AN 1/99</b>



**Segment:** **LM** **Code Source Information**  
**Position:** 085  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *The LM loop will only be used when a transaction set is rejected by OPAC.*

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	<b><u>Attributes</u></b>
<b>Must Use</b>	<b>LM01</b>	<b>559 Agency Qualifier Code</b> Code identifying the agency assigning the code values ZZ Mutually Defined <i>Use to indicate Department of Treasury GOALS/OPAC.</i>	<b>M ID 2/2</b>
<b>Not Used</b>	<b>LM02</b>	<b>822 Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN 1/15</b>

**Segment:** **LQ** **Industry Code**  
**Position:** 086  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LQ01	1270	<b>Code List Qualifier Code</b> Code identifying a specific industry code list	<b>O</b> ID 1/3
Must Use	LQ02	1271	<b>Industry Code</b> Code indicating a code from a specific industry code list <i>Use to transmit OPAC error codes.</i>	<b>X</b> AN 1/20

**Segment:** **SE** Transaction Set Trailer  
**Position:** 090  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>Must Use</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>Must Use</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	